



UseNet News:

Planning a UseNet Site



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Introduction

- **What is UseNet ?**
- a world-wide distributed discussion or bulletin board system.
- uses transport protocols
 - *InterNetNews (INN)*
 - *Network News Transfer Protocol (NNTP)*
 - *UUCP (Unix to Unix CoPy)*
 - » *for modem-based communication*
- **see Figure 1.**

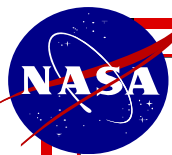


Figure 1: UseNet Topology

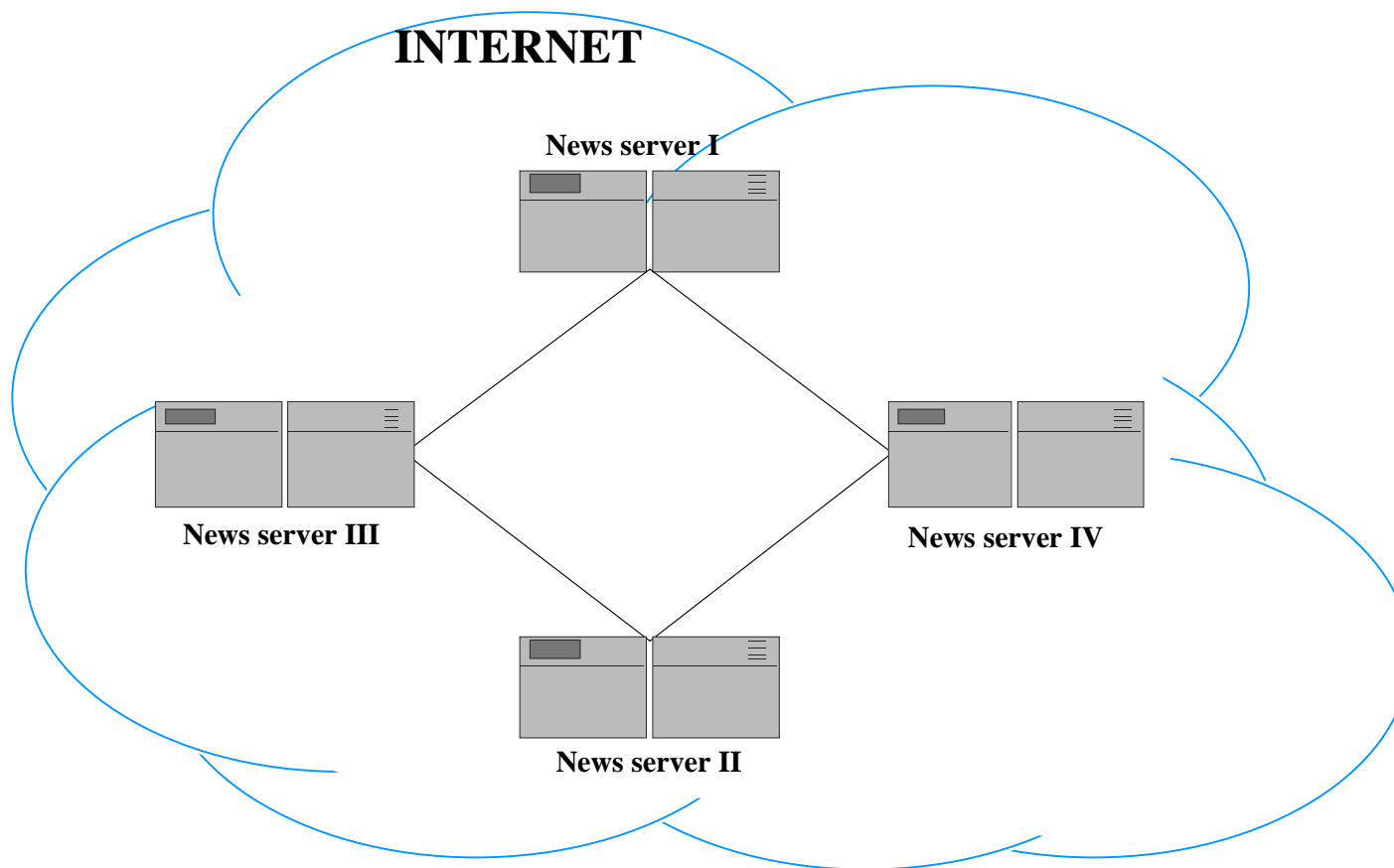


Figure 1: Each news feed can send/receive INN data from the servers.



UseNet Software

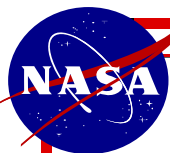
Three common Public Domain packages

- **NNTP** (Network News Transfer Protocol)
- **C-News**
- **InterNetNews (INN)**
 - **replaced nntp and C-News**
 - » INN integrates nntp and has higher speed.



UseNet Software cont'd

Environment	FTP site	Names & Comments
Unix	lib.tmc.edu	rn
	ftp.coe.montana.edu	trn
	dkuug.dk	nn
	ftp.germany.eu.net	tin
VMS	kuhub.cc.ukans.edu	ANU-NEWS
	arizona.edu	VMS/VNEWS
VM/CMS	psuvm.psu.edu	NetNews
	ftp.uni-stuttgart.de	NNR
Macintosh	ftp.apple.com	News
MS-DOS	ftp.utas.edu.au	Trumpet
MS-Windows	ftp.utas.edu.au	WTrumpet
X-Windows	many FTP sites	xrn
	export.lcs.mit.edu	xvnews
Emacs	most GNU sites	GNUS
	most GNU sites	Gnews



Xrn sample

xrn - version 6.17		
	alt.machines.misc	0 articles
Unread news in	alt.horror	17 articles
Unread news in	alt.horror.cthulhu	4 articles
Unread news in	alt.horror.shub-internet	1 article
Unread news in	alt.horror.werewolves	1 article
	alt.hotrod	0 articles
Unread news in	alt.housing.nontrad	1 article
Unread news in	alt.hypertext	131 articles
Unread news in	alt.hypnosis	172 articles
Unread news in	alt.illuminati	10 articles
Unread news in	alt.image.medical	7 articles
Unread news in	alt.imploding.kibo	53 articles
	alt.india.progressive	0 articles
Unread news in	alt.individualism	14 articles
Unread news in	alt.industrial	177 articles
Unread news in	alt.industrial.computing	1 article
Unread news in	alt.infertility	1 article
	news in news.announce.newusers	0 articles

Read the articles in the current group

Quit	Read	Next	Prev	Catch up	Subscribe	Unsubscribe	Goto grc
All groups	List old	Rescan	Prev group	Select groups	Move	Ex	
Checkpoint	Gripe	Post					

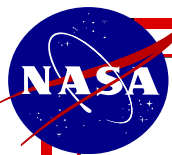


Figure 2: Innd architecture

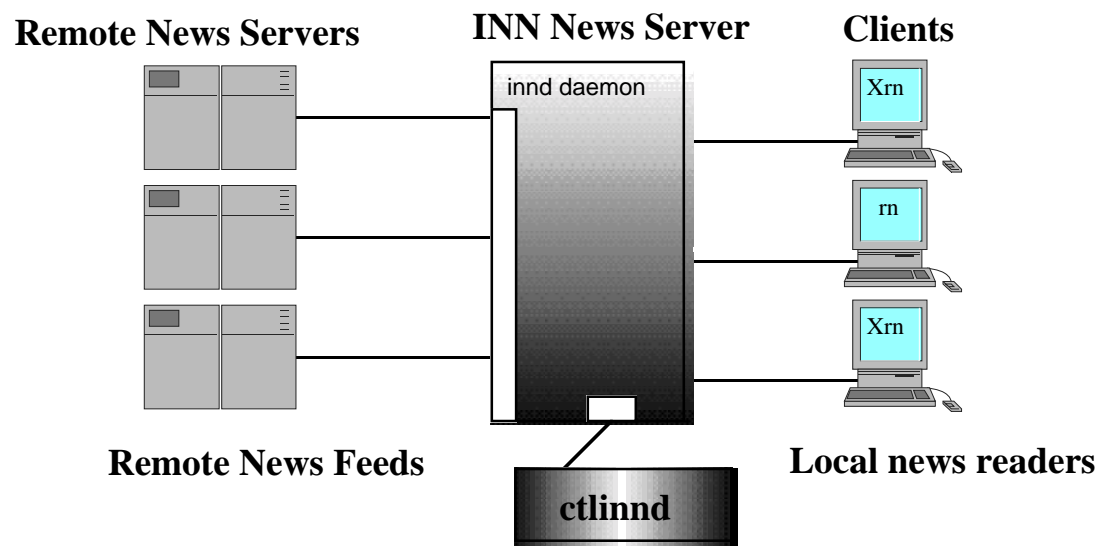


Figure 2: Innd architecture



Planning a Usenet News Site

1) Locate the INN distribution

- available through:
 - *ftp.uu.net ~ftp/news/inn.tar.Z*
- discussed in the following news groups:
 - *news.software.nntp and news.software.b.*

2) Allocate disk space

- *4 MB disk space for INN package*

3) Determine all desired News groups



Planning a Usenet News Site cont'd



4) Allocate disk space for News articles

Usenet Server Requirement

- *enough disk space (400MB)*
- *obtain a news feed link to another Usenet server*
- *the news feed allows new server to carry some/all news groups*

5) Obtain a News feed

- *contact an internet service provider or*
- *a system administrator of a Usenet site*



Some Usenet Sites

1.Server:194.6.183.101

Access:Read and post.

Report: 200 Worldgroup NNTP server ready at 18-JAN-96 00:15:20
posting allowed

2.Server:199.203.20.33

Access:Read and post.

Report: 200 ort.ort.org.il InterNetNews NNRP server INN 1.4 22-Dec-93 ready (posting ok).

3.Server:199.249.190.57

Access:Read and post.

Report: 200 Worldgroup NNTP server ready at 17-JAN-96 18:16:02
- posting allowed

4.Server:204.107.208.3

Access:Read and post.

Report: 200 news01.teaminfinity.com InterNetNews NNRP server
INN 1.4 20-Mar-93 ready (posting ok).

5.Server:204.191.105.5

Access:Read and post.

Report: 200 news.cyberplus.ca NNS server version X2.06 ready -
posting allowed



Some News Groups

alt	Alternative Groups. The creation of these groups is not moderated.
bionet	Biology.
bit	Bitnet Gatewayed Groups
biz	Comercially oriented (business)
cern	CERN local interest groups. See also: fnal , hepnet .
ch	Swiss newsgroups
comp	Computing. Many groups, on all aspects.
de	German groups.
DESY	DESY newsgroups.
eunet	European Usenet newsgroups
fr	French newsgroups
gnu	The GNU project of the Free Software Foundation.
hepnet	High Energy Physics
k12	Kindergarten through 12th grade education.
misc	Miscellaneous newsgroups (small ads etc)
news	About the news system itself
pubnet	Public access systems.
rec	Recreation
sci	Science
soc	Society
talk	Talk - gossip and discussion about current affairs
vmsnet	VMS - the Digital Equipment Corporation (tm) operating system.



Usenet Advantages/Disadvantages

- **Advantages**

- *participate in discussion world-wide*
- *get solution to problems online*
- *meet other people with similar interest*
- *a cheap means to advertise*
- *exposure to a lot of information world-wide*

- **Disadvantages**

- *network traffic*
- *security*
- *overhead for system administrator*
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